



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

Colorado Woodworkers Guild

November 2015

Upcoming Events

December 12, 2015 - Guild Holiday Party

Here's some news worth your while reading. We're doing things a bit differently this year. October's article mentioned that we'd be creating a new way for party guests to sign up for bringing appetizers, sides, salads, and desserts. Well, here's the new way: you don't need to bring anything. Nada. Nichts. Rien. The guild is arranging to have everything catered, from soup to nuts. Now, if you're famous far and wide for a particular dish and would like to share it with your fellow revelers, please feel free to do so. It will surely be appreciated, but it's not at all mandatory.

Last month's article noted that we couldn't guarantee that Janis (Bob K's wife) would be able to provide live piano in the background as she did last year. Well, we've come up with a neat response to that problem too. John Hammer has agreed to serenade us with his hammer dulcimer, which is sure be both different and beautiful. He may even have two other musicians accompanying him. We'll have a firm update in next month's newsletter.

So what do we expect of you? We're counting on you attending at the First Plymouth Congregational church at the southwest corner of Colorado and Hampden. Doors open at 6pm on December 12th. We're hoping you'll bring something for the white elephant auction, which is sure to be fun. Other than that, just be there, prepared to have a great evening.

What can you expect of the guild? We've already mentioned unusual music and a meal free of obligations on your part. We will have drawings for numerous door prizes furnished by many of our sponsors. And if you've attended any of our previous holiday parties, you know you can depend on sparkling conversations and a thoroughly enjoyable evening.

See you on the 12th.

Presidents Message

PLEASE NOTE: Due to time constraints, there will be no Show & Tell or Raffles at the November Meeting!



October Meeting:

Aside from some technical issues, the October meeting went well and seemed to be well received. Perhaps there were too many mini-demos scheduled and I'd like to apologize to Mark Klosky, who came prepared to give us a mini-demo but we ran out of time.

I'd like to do another evening of mini-demos sometime this coming spring. If you have an idea for a 10-15 minute mini-demo, please let me know.

Rockler Gallery:

I'd like to say "Thanks" to all those who participated in the Rockler Gallery for their help, the loan of their work or both. We had good support. Unfortunately, not a lot of people attended the event.

November Meeting:

The November meeting marks the 35th anniversary of the guild. In the guild's first newsletter there is a letter from the guild's first president, James W. Brandt. He describes how the guild was formed and states that the first ever meeting of the guild was held in November 1980. Flash forward 35 years to November 2015 and we have the Guild's 35th anniversary meeting. This is a special meeting for two reasons; One, the guild's first president, Jim Brandt, will attend. Two, we have a presentation from a nationally known member of the Roycroft Campus. There is more info about this on the Guild's home page. Join us for a memorable evening as we bring a close to 2015 meetings. If you'd like to read the guild's first ever newsletter, it can be downloaded here: http://coloradowoodworkersguild.org/index.php/open-to-the-public/guild-newsletters/details/2/230/guild-newsletters-1981_08

December Holiday Party:

We are in the planning stages for the annual holiday party. You can sign up for this at <http://coloradowoodworkersguild.org/index.php/members-only/holiday-party-signup>. You'll need to be logged in for this. If you have any issues with logging in or signing up for the party please let me know (drop an email to president@coloradowoodworkersguild.org). We need a head count so that we can order the food. This needs to be done relatively soon.

Cary Goltermann - Le Président

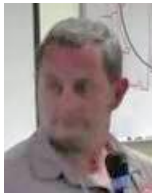
October's Presentation

To view this presentation, [Click here](#), Log In, and click on the video you wish to see.

October's meeting featured four mini-presentations. Short presentations like these provide time to explore new opportunities made available to Guild members. They also give members a chance to explain a topic or project in greater detail than would normally be possible during the Show & Tell meeting segment.

Steve Elder, from Mile High Tree

Care, Inc., delivered the first mini-presentation. He told how his tree care business evolved from turning felled trees into mulch to turning tree trunks into live edge slabs and dimensional lumber for sale to local woodworkers. The switch from grinding to sawing not only brought a fresh cash stream to his business; it gives local woodworkers a new source of raw materials. Live edge species include walnut, maple, ash, elm, catalpa, locust and sycamore. Walnut, elm, pecan, hackberry, oak and hickory are available as dimensional lumber, too. Elder's company can cut custom blocks for wood turners as well. Mile High Tree Care is hosting an open house at 9am – 3pm on Nov. 21 at their Arvada location.



Mike Farrington is a new member of CWG. He explained how he inexpensively upgraded all his shop's stationary power tools from single-phase to three-phase (3- Ø) motors.



Mike prefers 3- Ø motors because they are smaller, quieter and more efficient than their single-phase counterparts. Because so few people have or can afford to get 3- Ø electrical service in their workshops there is very little demand for good used 3- Ø equipment. That keeps prices of used equipment remarkably low. Mike explained that any workshop can convert a 120 or 240 VAC outlet to 3- Ø power for less than \$200. The solution is to buy a device called a variable frequency drive (VFD). VFDs let you to adjust motor speed without running the risk of overheating the motor

and without fussing with pulleys and bests. Those are real pluses for drill presses and lathes. If you can rewire a plug, you can hook up a VFD and begin running 3- Ø power tools. A link where to buy Mike's choice of VFDs appears on our CWG website.

Next, **Chuck Hix** showed two router jigs for cutting mortises. One he assembled from parts cut by a CNC machine at Red Rocks Community College. This jig's best feature is that it cuts perfectly centered mortises.



Chuck made another one based on an article in *Fine Wood Working* #178. He prefers to use the second jig because it carefully guides his router and prevents the bit from wandering during each pass.

Finally, **Cliff Whitehouse** described the Art Nouveau movement and its influence on furniture. Long flowing natural lines characterize this style.



Its origin can be traced to early Japanese drawings. Art Nouveau works grew quite popular in late 19th century Europe appearing in poster art (*Biscuits Lefèvre-Utile* by Alphonse Mucha), architecture (Hector Guimard's Paris Metro station entrance) and furniture (Louis Majorelle's mahogany desk in Musée D'Orsay in Paris). Cliff showed many examples of the Art Nouveau style in each category. He noted that Art Nouveau furniture is locally displayed at the Kirkland Museum of Fine & Decorative Art. Works can also be found in the Denver Art Museum's furniture collection. Cliff brought a representative piece of an Art Nouveau chair he is building.

By Jim McNamee

Show & Tell

The October meeting for the Guild included a great selection of different types of woodworking from veneer work to bandsaw work to carving. First up was

Paul Seipel and a bandsaw box he made from cedar. For those that are not aware Paul teaches bandsaw box classes and is on a first name basis with the folks at Carter, which is counter to his marking of his card as a “Beginner”. Next up was

Doug Pinney with a plank of cherry with a wee bit of carving on it. Doug has found that with experience, sharp tools, and the right technique he can complete a carving like this in a less than a day. The name of the magic chisel is a CNC. I don’t have one of these, but guess it is similar to #8 sweep fishtail chisel or something like that.



Fred Schmidt brought in a piece that he titled “Perception”. Made of curly maple, walnut and bubinga the veneer work has two images based on the positive and negative space. Depending on your attention you can see a young lady or you see a saxophone player.



Gary Glatther brought in a collection of toys that he made for his grandchildren. Since everyone loves Dr. Suess and especially kids what better than a set of One Fish, Two Fish, Red Fish, Blue Fish pull toys to hours of running around.



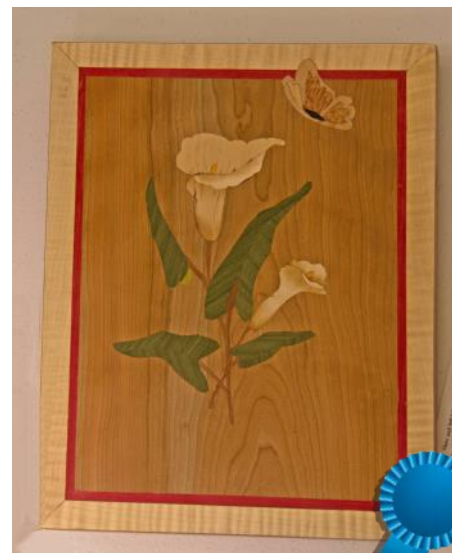
The winner of the night was

Chuck Hix with this excellent marquetry project. Consisting entirely of veneers, the lily and butterfly were made of several different species of wood. In particular, the quartered-sycamore for the detail on the butterfly wings was a nice choice as was the shading work on the lily petals.



Thank you to everyone that participated in the show & tell. For the rest of the crowd please bring in your projects to share and show so that the rest of the group can see what you are working on and see if there are others interested in your same kind of work.

Kevin Loyd Shows & Exhibits



Membership

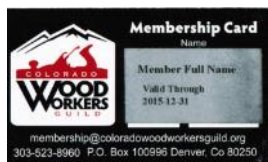
Membership Problems??? Send an email to president@coloradowoodworkersguild.org

At this writing the guild has 267 members paid through the end of 2015/2016. Our member database includes 88 members whose membership expired on or before December 31 2014.

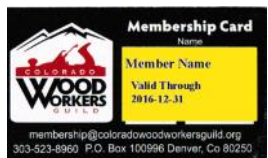
All memberships expire on December 31 of the current year. Starting in November we will begin to issue member cards for the 2016 calendar year. New members joining after November 1st will receive a membership card good through 2016-12-31.

Now is the time to renew your membership!

If your member card looks like this (member name/expiration in black text on a silver background), it will expire at the end of this year. If it looks like anything else, it expired last year or earlier.



The 2016 member cards look like this (member name/expiration in black text on a yellow background).



We make member cards like this for a few reasons. First, the tape is printed on a Brother Label printer. The information is derived directly from membership applications. This saves me the need of entering everything manually. Second, it allows our sponsors to easily identify an up-to-date member card. More than a few sponsors have asked for this. Third, our members can easily know if their membership is up-to-date or not.

Cary Goltermann - Assistant to the Membership Chair

Sponsor's Corner

New Sponsor: Mile High Tree Care

We are pleased to announce the addition of a new Guild sponsor: **Mile High Tree Care**. Steve Elder, Master Arborist from Mile High Tree Care came to our October meeting and explained their new offerings for woodworkers.



Mile High Tree Care has discovered a new market for many of their downed trees in the city: Woodworkers. They now are offering slabs, flitches, and milled lumber from the urban forest. They are using the latest in mills and kilns to prepare these products. Instead of the wood being chipped for mulch, the best of the crop is now being saved for use by woodworkers.

Mile High Tree Care is pleased to announce their Open House from 9am to 3pm November 21, 2015. Their address is 6010 W. 56th Avenue in Arvada. Guild members are welcome.



Paxton Wood of the Month

The **Wood of the Month** for November 2015 at Frank Paxton Lumber is 4Q **white oak**. The lumber comes surfaced on three sides (S3S) in 10 inch widths and wider and with random lengths. As usual, please call 303-399-6047 for pricing.

About Wood

For this month of November 2015, we consider **Sitka Spruce**. **Sitka Spruce, *Picea Sitchensis***, is a member of the Pinaceae, the pine family. This family, found primarily in temperate Northern Hemisphere, consists of some nine genera and 210 species. Of the spruce species, there are six most common; Black, Red, Engelmann, Norway, White, and Sitka. **Sitka Spruce** is found along the Pacific coast from Northern California to Alaska. The Sitka Spruce is a vigorous fast-growing tree and the largest in the spruce family. The **Sitka Spruce** is also known as the coast spruce, tideland spruce, and yellow spruce. Like other members of this pine family, Sitka Spruce is considered a “softwood” and, like most members of the family, is somewhat resinous.

Recall that in previous columns, we have defined the Modulus of Rupture (MOR), the Modulus of Elasticity (MOE), Crush Strength, and Janka Hardness. We will continue to use those terms. Most of the other terms are generally well understood and will not be defined further. If you have questions about other terms or questions about a specific wood, contact wood@coloradowoodworkersguild.org.

Sitka Spruce

This species is sometime difficult to obtain and white spruce, fir, and other softwood species are often substituted. Since it is generally very straight grain and makes excellent sounding boards for musical instruments, luthiers go to great pains to find their supplies.



Here is a summary of the characteristics of **Sitka Spruce**:

Distribution: Coastal Western North America, including Canada and Alaska
Tree size: 130-160 ft. (40-50 m) tall; 4-6 ft. (1.2-1.8 m) trunk diameter
Average Dried Weight: 27 lbs/ft³ (425 kg/m³)
Specific Gravity: (Basic, 12% MC): .36, .42
Modulus of Rupture (MOR): 10,150 lbf/in² (70 MPa)
Modulus of Elasticity (MOE): 1,600,000 lbf/in² (11.03 GPa)
Crush Strength: 5,550 lbf/in² (38.2 MPa)
Janka Hardness: 510 lbf (2,270 N)
Shrinkage: Radial, 4.3%; Tangential, 7.5%; Volumetric, 11.5%; T/R Ratio, 1.7
Heartwood Appearance: cream/white; can be pinkish; not much different from sapwood
Sapwood Appearance: cream/white to yellow
Grain/Texture: straight with fine even texture
Stability: excellent after drying
Relative strength: outstanding stiffness-to-weight ratio
Decay Resistance: slightly resistant to non-resistant
Workability: easy to work; excellent for planing, turning, boring, mortising, nailing, screwing, and gluing
Odor: no characteristic odor
Toxicity: slight sensitizer
Potency: low
Toxicity Source: dust and wood
Reaction: skin and some respiratory
Sustainability: construction grade readily available; quarter sawn billets of instrument-grade Sitka Spruce more difficult to obtain; not threatened
Uses: wide range of uses, including construction, boxes/crates, furniture, millwork, aircraft components, musical instrument soundboards, boatbuilding, wind turbine blades
Typical Cost: low for construction grade; high for musical instrument-grade

If you have questions about a specific wood, don't hesitate to send a note to wood@coloradowoodworkersguild.org.

2015 Guild Officers



Cary Goltermann – President
president@coloradowoodworkersguild.org

Bob Kleinfeldt – Vice President
vice-president@coloradowoodworkersguild.org



Laura Peterson – Treasurer
treasurer@coloradowoodworkersguild.org

Mark Childs – Secretary
secretary@coloradowoodworkersguild.org



Guild Committee Chairs



Audio – Video – Cal Noguchi
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Community Service - Charles Kuechenmeister & Jeff Roth
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Al Limiero – Newsletter Editor
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Programs - **Vacant**
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Publicity and Public Relations - Lindy Baer
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Kevin Loyd – Shows and Exhibits
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Librarian - Roger Abraham
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Refreshments – Dick Daily
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Dennis Machlica – Membership
membership@coloradowoodworkersguild.org



Classified Ads – Michael Cunningham
classifiedads@coloradowoodworkersguild.org

Wilbur Goltermann – Webmaster
webmaster@coloradowoodworkersguild.org



CWG Sponsors

The Colorado Woodworkers Guild is fortunate to have several companies as Sponsors. The Sponsors help the Guild with programs, materials, supplies, facilities, display space, financial, and other means. In many cases, Guild members are able to obtain discounts from our Sponsors (except for power tools and sale items). Please note: the Guild discounts only apply to in person purchases in the store (except where noted), and are not available at any sponsor's online store. You must show a current membership card to obtain the discount

Sponsor List

A Cut Above 16512 Arminta Street Van Nuys, CA 91406

Phone: 800-444-2999 Website: www.acutabove.com

Austin Hardwoods of Denver, Inc. 975 W. Mississippi Denver, CO 80223

Phone: 303-733-1292 Website: www.austinhardwoods.com

B & B Rare Woods 871 Brickyard Circle, Unit C4 Golden, CO 80403

Phone: 303-986-2585 Website: www.wood-veneers.com

Charlie's 2nd Hand Store, Inc. 2227 Larimer Street Denver, CO 80205

Phone: 303-295-1781 Website: www.usedtoolsplus.com

Collector's Specialty Woods

Collector's Specialty Woods 4355 Monaco Street, Unit A Denver, CO 80216 (this is their Denver showroom and warehouse)

Collector's Specialty Woods 8055 County Road 570 Gardner, CO 81040 (this is their southern Colorado wood yard, kiln drying facility, woodshop, and another show-room) Phone: 800-746-2413

Denver Woodworking Company 2062 S. Bannock Street Denver, CO 80223

Phone: 303-733-3130 Website: www.denverwoodworking.com

EZ Dado 5220 E. 130th Circle Thornton, CO 80241

Phone: 303-902-8134 Website: www.ezdado.com

Frank Paxton Lumber Company 4837 Jackson Street Denver, CO 80216

Phone: 303-399-6047 Website: www.paxtonwood.com/denver.aspx

Mile High Tree Care 6010 W. 56th Avenue in Arvada CO 80002.

303-292-9393 Website: www.milehightreecare.com

Mountain View Window and Door 815 S. Jason Street Denver, CO 80223

Phone: 303-649-2217 Website: www.mtnview.us

Reclaimed Boxcar Flooring

Phone: 303-913-6373 Website: www.reclaimedboxcarflooring.com

Rockler Woodworking and Hardware 2553 S. Colorado Blvd Denver, CO 80222

Phone: 303-782-0588 Website: www.rockler.com/retail/denver-colorado-hardware-store.cfm

Signature Medallions 4218 Ponce De Leon Drive La Mesa, CA 91941

Phone: 619-303-2876 Website: www.signaturemedallions.com

TC Woods 5406 County Road 23 Ft. Lupton, CO 80621

Phone: 3-666-8989 Website: www.tcwoods.com

Tool Zone, Inc. 8651 Grant Street, Unit 1A Thornton, CO 80229

Phone: 303-252-8500 Website: www.toolzone.com

Woodcraft of Denver 6770 S. Peoria Street Centennial, CO 80112

Login Information

Full Name

Email Address

Username

Badge Name

Contact Information

Street Address

State

Phone Number

City

Zip Code

Website

Guild Participation Profile

- | | | | | |
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| Woodworking Interests | <input type="checkbox"/> Cabinet making | <input type="checkbox"/> Home remodeling | <input type="checkbox"/> Hand tools | <input type="checkbox"/> Tools, jigs, shop |
| | <input type="checkbox"/> Furniture | <input type="checkbox"/> Small projects | <input type="checkbox"/> Turning | <input type="checkbox"/> Veneering, Inlay |
| | <input type="checkbox"/> Wood Bending | <input type="checkbox"/> Other | | |
| Willingness to Mentor | <input type="checkbox"/> Cabinet making | <input type="checkbox"/> Home remodeling | <input type="checkbox"/> Hand tools | <input type="checkbox"/> Tools, jigs, shop |
| | <input type="checkbox"/> Furniture | <input type="checkbox"/> Small projects | <input type="checkbox"/> Turning | <input type="checkbox"/> Veneering, Inlay |
| | <input type="checkbox"/> Wood Bending | <input type="checkbox"/> Other | | |
| Willingness to Serve | <input type="checkbox"/> No Interest | <input type="checkbox"/> Maybe Later | <input type="checkbox"/> Elected office | <input type="checkbox"/> Community service |
| | <input type="checkbox"/> Membership | <input type="checkbox"/> Public relations | <input type="checkbox"/> Meeting programs | <input type="checkbox"/> Class committee |
| | <input type="checkbox"/> Library | <input type="checkbox"/> Newsletter | <input type="checkbox"/> Shows & exhibits | <input type="checkbox"/> Website |
| | <input type="checkbox"/> Audio/Video | <input type="checkbox"/> Other | | |

Shared Information

Do you wish to share your portrait and woodworking biography:

☐ Yes ☐ No

Woodworking Biography:

Please return this form at any Guild meeting or via mail to:
Colorado Woodworkers Guild P.O. Box 100996, Denver, Colorado 80250
ColoradoWoodworkersGuild.org
(303)523-8960